

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((data and voice) adj communication) and (wlan) and (multipath and diversity and delay) and antenna with (receiver and transmitter and transceiver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:10
S2	10764	((data and voice) adj communication)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:24
S3	0	wlan with (multipath and diversity and delay and antenna and receiver and transmitter and transceiver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:11
S4	53	wlan with (antenna and receiver and transmitter and transceiver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:11
S5	9	S2 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:12
S8	9	S4 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:13
S9	468	((data and voice) adj communication) and wlan	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:15
S10	33	(diversity with multipath with delay) and antenna with (receiver and transmitter and transceiver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:23

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S21	468	((data and voice) adj communication) and wlan	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:28
S22	28	S21 and multipath	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:25
S23	15	S22 and diversity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:26
S24	8	((data and voice) adj communication) and wlan and antenna with (diversity and multipath)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:29
S25	15	((data and voice) adj communication) and wlan and antenna and (diversity and multipath)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:31
S26	1	((data and voice) adj communication) and wlan and (receiver with transmitter with transceiver antenna) and (diversity and multipath and delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:32
S27	11	((data and voice) adj communication) and wlan and (receiver with transmitter with transceiver antenna) and (diversity and multipath and delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/12/07 13:33
S28	67	((data and voice) with communication) and wlan and (receiver with transmitter with transceiver antenna) and (diversity and multipath and delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/12/07 13:42

## EAST Search History

S29	64	((data and voice and wireless) with communication) and wlan and (receiver with transmitter with transceiver antenna) and (diversity and multipath and delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/12/13 07:45
S30	2	("2004051882").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2006/12/07 13:43
S31	3	((data and voice and wireless) with communication) and wlan and (receiver with transmitter with transceiver antenna) and (diversity and multipath and delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	WITH	ON	2006/12/07 13:49
S32	5	((data and voice and wireless) with communication) and wlan and (receiver with transmitter with transceiver antenna) and (diversity and multipath and delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	SAME	ON	2006/12/07 13:50
S33	17	((data and voice and wireless) with communication) and wlan and (receiver with transmitter with transceiver antenna) and (diversity and multipath and delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/07 13:50
S34	23099	((data OR voice OR wireless or wlan) adj communication) SAME (receiver OR transmitter OR transceiver OR antenna) and (diversity OR multipath OR delay or baseband adj delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/12/13 07:50
S39	864	((data OR voice OR wireless or wlan) adj communication) WITH (receiver OR transmitter OR transceiver OR antenna) WITH (diversity OR multipath OR delay or baseband adj delay) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 07:55
S40	607	((data OR voice OR wireless or wlan) adj communication) WITH (receiver OR transmitter OR transceiver OR antennaor coder or decoder) WITH (diversity OR multipath OR delay or baseband adj delay) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 09:35

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S41	167	((data OR voice OR wlan) adj communication) WITH (receiver OR transmitter OR transceiver OR antennaor coder or decoder) WITH (diversity OR multipath OR delay or baseband adj delay) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 10:48
S42	2277	diversity with (delay or baseband adj delay or multipath or rf adj delay or if adj delay) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 10:11
S43	438	wlan with (transmitter\$1 or receiver\$1 or transceiver\$1) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 10:12
S44	22	S42 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 10:25
S45	42044	(communicat\$3 adj system) with (data or voice or digital adj data) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 10:27
S46	5	S44 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 10:27
S47	1	((data OR voice OR wlan) adj communication) WITH (receiver OR transmitter OR transceiver OR antennaor coder or decoder) WITH diversity with (multipath OR delay or baseband adj delay) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 10:49
S48	66	((data OR voice OR wlan) adj communication) WITH (receiver OR transmitter OR transceiver OR antennaor coder or decoder) and diversity with (multipath OR delay or baseband adj delay) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 11:07

## EAST Search History

S49	101	((data OR voice OR wlan) adj communication) WITH (receiver OR transmitter OR transceiver OR antenna or coder or decoder) and diversity with (multipath OR delay or baseband adj delay) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 12:55
S52	10	((data OR voice OR wlan) adj communication) WITH (receiver OR transmitter OR transceiver OR antenna or coder or decoder) and (space adj diversity) with (multipath OR delay or baseband adj delay) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 13:36
S55	10	((data OR voice OR wlan) adj communication) WITH (receiver\$1 OR transmitter\$1 OR transceiver\$1 OR antenna\$1 or coder or decoder) and ((space adj diversity) with (multipath OR delay or baseband adj delay)) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 13:39
S56	12	((data OR voice OR wlan) adj communication) WITH (receiver\$4 OR transmitt\$4 OR transceiver\$4 OR antenna\$1 or coder or decoder) and ((space adj diversity) with (multipath OR delay or baseband adj delay)) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 13:41
S57	79	((data OR voice OR wlan or wireless) adj communication) WITH (receiver\$4 OR transmitt\$4 OR transceiver\$4 OR antenna\$1 or coder or decoder) and ((space adj diversity) with (multipath OR delay or baseband adj delay or fad\$3)) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 14:06
S58	12	((data OR voice OR wlan or wireless) adj communication) WITH (receiver\$4 OR transmitt\$4 OR transceiver\$4 OR antenna\$1 or coder or decoder) and ((space adj diversity) with (multipath OR delay or baseband adj delay or fad\$3)) and (ofdm or qam or bpsk or qpsk) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 14:09
S61	64	(data OR voice OR wireless or wlan) WITH (receiver\$4 OR transmitt\$4 OR transceiver\$4 OR antenna\$1 or coder or decoder) and ((space adj diversity) with (multipath OR delay or baseband adj delay or fad\$3)) and (ofdm or qam or bpsk or qpsk) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 14:22

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S62	88	(data OR voice OR wireless or wlan) WITH (receiver\$4 OR transmitt\$4 OR transceiver\$4 OR antenna\$1 or coder or decoder) and ((space adj diversity) with (receive or transmit or multipath OR delay or baseband adj delay or fad\$3)) and (ofdm or qam or bpsk or qpsk) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/13 15:21
S63	4	wlan and ((space adj diversity) with (receive or transmit or multipath OR delay or baseband adj delay or fad\$3)) and (ofdm or qam or bpsk or qpsk) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 11:57
S64	1	("20040072546").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2006/12/14 09:37
S65	11	((space adj diversity or time adj diversity) with (receive or transmit or multipath OR delay or baseband adj delay or fad\$3)) and wlan same (voice or data) and (ofdm or qam or bpsk or qpsk) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 12:04
S66	12	((space adj diversity or time adj diversity) same (receive or transmit or multipath OR delay or baseband adj delay or fad\$3)) and wlan same (voice or data) and (ofdm or qam or bpsk or qpsk) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 12:05
S67	12	((space adj diversity or time adj diversity) same (receive or transmit or multipath OR delay or baseband adj delay or fad\$3)) and (wlan same (voice or data)) and (ofdm or qam or bpsk or qpsk) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 12:06
S68	12	((space adj diversity or time adj diversity) same (multipath OR delay or baseband adj delay or fad\$3)) and (wlan same (voice or data)) and (ofdm or qam or bpsk or qpsk) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 12:08
S69	4	((space adj diversity) same (multipath OR delay or baseband adj delay or fad\$3)) and (wlan same (voice or data)) and (ofdm or qam or bpsk or qpsk) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 12:10

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S70	1	((space adj diversity) same (multipath OR delay or baseband adj delay or fad\$3)) and (wlan WITH (voice or data)) and (ofdm or qam or bpsk or qpsk) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 12:11
S71	136	((space adj diversity) same (multipath OR delay or baseband adj delay or fad\$3)) and (wlan voice or data) and (ofdm or qam or bpsk or qpsk) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 12:52
S73	1	((space adj diversity) same (multipath OR delay or baseband adj delay or fad\$3) with (two adj receiver or two adj transmitter or transceiver)) and (wlan voice or data) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 12:56
S74	13	((space adj diversity) same (multipath OR delay or baseband adj delay or fad\$3) same (two adj receiver or two adj transmitter or transceiver)) and (wlan voice or data) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 14:37
S75	1	((space adj diversity) same (multipath OR delay or baseband adj delay or fad\$3) same (two adj receiver or two adj transmitter or transceiver)) and (wlan or voice or data) and ofdm) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 14:38
S76	1	((space adj diversity) same (multipath OR delay or baseband adj delay or fad\$3) same (two adj receiver or two adj transmitter or transceiver)) and (wlan or voice or data) SAME ofdm) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 14:38
S78	1	((space adj diversity) same (multipath OR delay or baseband adj delay or fad\$3) same (two adj receiver or two adj transmitter or transceiver)) and (wlan or voice or data) and ofdm) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 14:39
S79	14	((space adj diversity) same (multipath OR delay or baseband adj delay or fad\$3) same (two adj receiver or two adj transmitter or transceiver)) and (wlan or voice or data or ofdm) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 16:21

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S80	14	((space adj diversity) same (multipath OR delay or baseband adj delay or fad\$3 or rf adj delay) same (two adj receiver or two adj transmitter or transceiver or rf adj adder)) and (wlan or voice or data or ofdm) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/14 16:44
S81	11	((space adj diversity) same (multipath) and delay with (rf or if or baseband) and (wlan or voice or data or ofdm)) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 07:54
S82	36	((antenna adj diversity or space adj diversity) same (multipath) and delay with (rf or if or baseband) and (wlan or voice or data or ofdm)) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 09:50
S83	31	((antenna adj diversity or space adj diversity) same (multipath) and delay SAME (baseband) and (wlan or voice or data or ofdm)) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 09:59
S85	13	((space adj diversity) same (multipath) and delay SAME (baseband) and (wlan or voice or data or ofdm)) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 11:56
S87	166	((space adj diversity) same (multipath) and (wlan or voice or data or ofdm)) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 12:11
S88	4736	delay with (baseband or radio adj frequency or intermediate adj frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 11:59
S89	15	S87 and S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 12:00



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S90	1067	((space adj diversity) and (wlan or voice or data or ofdm)) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 12:17
S91	53	S88 and S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 12:12
S93	462923	((space adj diversity) and (wlan or voice or data or ofdm) with transmitter or receiver or transceiver) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 13:37
S94	923	S90 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 12:25
S95	24	((space adj diversity) and (wlan or voice or data or digital adj data) and ofdm with (transmitter or receiver or transceiver)) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 13:31
S96	44	((space adj diversity) and (wlan or voice or data or digital adj data) SAME (transmitter or receiver or transceiver) and ofdm) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 13:32
S97	198	((space adj diversity) same (receive or transmit) and (wlan or voice or data or ofdm) with (transmitter or receiver or transceiver)) @ad<"20021204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	AND	ON	2006/12/15 13:37